

PENNSYLVANIA

CH-47D IFR Training Scenario #8

Muir - Capital City - Johnstown

Mission: Transport 12 passengers and a HMMWV (internally loaded) from Muir AAF (KMUI) to Johnstown, PA (KJST) with an intermediate stop to drop off 4 passengers in Capital City (KCXY).

Departure Weather: 09010KT 1 SHRA SCT 003 BKN005 OVC010 22/18 A3004

Enroute/Arrival Weather: Per attached DD Form 175-1

NOTAMS: Check appropriate sources for current NOTAMS. Last minute NOTAMS will be supplied by instructor as required.

Aircraft: CH-47F with 714A Engines.

DD 365-4 Data: On file at KMUI (do not complete 365-4.) Aircraft weight with full crew and fuel and passengers on board is 40,427 lbs.

PPC Data: KMUI: Current: PA +379 FAT +22° C Max conditions: PA +400 FAT +28° C.

Enroute/Arrival: See DD Form 175-1.

Remarks: Complete flight planning IAW the ATM and the GP. FM 1-240 appendix B will also help guide flight planning. Plan and fly this mission as you would in the aircraft (i.e. for altitudes, planned approaches alternates as required etc.) If there is any information missing, use your judgment and provide details to instructor prior to the flight.

KMUI Departure Information

Runway 07
Wind 090/10
Altimeter 30.06
Ceiling 010 BKN
1 mile drizzle

KCXY Clearance

Guard Copter 23385 is cleared to KCXY Harrisburg Capital City.
Via Harrisburg VORTAC direct
Climb to and maintain 3000.
Harrisburg Departure frequency will be 124.1 or 273.525
Squawk 4242

En Route

Set ceiling to 1362 for 012 BKN

KCXY ATIS

Capital City Information T
Time: _____Z
Wind 120/10
1 1/2 mile rain
012 BKN
Temperature 24 Dew Point 20
Altimeter 30.07
Traffic landing and departing RWY 8
Advise initial contact you have information T.

KJST Clearance

Guard Copter 23385 is cleared to KJST Johnstown – Cambria County.
Direct Harrisburg V12 Johnstown
Climb to and maintain 6000.
Harrisburg Departure frequency will be 124.1 273.525
Squawk 4242

En Route

Frequency Change contact Cleveland Center 121.2 299.2
Set ceiling to 2395 for 006 OVC

KJST ATIS

Johnstown Cambria County Information B
Time: _____Z
Wind 110/12
1 mile rain
006 OVC
Temperature 21 Dew Point 19
Altimeter 30.10
Traffic landing and departing RWY 15
Advise on initial contact you have information B

FLIGHT WEATHER BRIEFING											
PART I - TAKEOFF DATA											
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KMUI	4. RWY TEMP Z +22 °F/C	5. DEWPOINT +18 °F/C	6. TEMP DEV	7. PRES ALT +379 FT	8. DENSITY ALT +1284 FT				
9. SFC WIND 0910 M T	10. CLIMB WINDS		11. LOCAL WEATHER WATCH/WARNING/ADVISORY				12. RSC/RCR				
13. REMARKS/TAKEOFF ALTN FCST											
PART II - ENROUTE & MISSION DATA											
14. FLT LEVEL/WINDS/TEMP FL030 - 06015/+16 FL 060 - 04020/+10			15. SPACE WEATHER			16. SOLAR/LUNAR		LOCATION			
			NO IMPACT			SEVERE		BMNT			
			FREQ			GR		Z MR			
			GPS			SS		Z MG			
			RAD			EENT		Z ILLUM			
17. CLOUDS AT FLT LEVEL			18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY								
X YES NO IN AND OUT			YES NO TYPE								
19. MINIMUM CEILING - LOCATION FT AGL			20. MAXIMUM CLOUD TOPS - LOCATION 030 FT MSL			21. MINIMUM FREEZING LVL - LOCATION 120 FT MSL					
22. THUNDERSTORMS			23. TURBULENCE			24. ICING			25. PRECIPITATION		
CHART			CHART			CHART			CHART		
NONE AREA LINE			NONE IN CLEAR IN CLOUD			X NONE RIME MIXED CLEAR			NONE DRIZZLE RAIN SNOW PELLET		
X ISOLATED 1 - 2%			LIGHT X X			TRACE			LIGHT		
FEW 3 - 15%			MODERATE X X			LIGHT			MODERATE		
SCATTERED 16 - 45%			SEVERE			MODERATE			HEAVY		
NUMEROUS - MORE THAN 45%			EXTREME			SEVERE			SHOWERS X		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.			LEVELS			LEVELS			FREEZING		
LOCATION			SFC - 080			LOCATION			LOCATION		
Southwestern PA			Enroute			Enroute			Enroute		
PART III - AERODROME FORECASTS											
26. DEST/ALTN KCCY	27. VALID TIME Z TO Z	28. SFC WIND 12010 M T	29. VSBY/WEA 1 1/2 SHRA	30. CLOUD LAYERS BKN012	31. ALTIMETER INS	RWY TEMP +24 °F/C	PRES ALT +210 FT				
DEST/ALTN KJST	Z TO Z	11012 M T	1 RA	OVC006	INS	+21 °F/C	+2119 FT				
DEST/ALTN	Z TO Z	M			INS	+ °F/C	FT				
DEST/ALTN	Z TO Z	M			INS	+ °F/C	FT				
DEST/ALTN	Z TO Z	M			INS	+ °F/C	FT				
DEST/ALTN	Z TO Z	M			INS	+ °F/C	FT				
DEST/ALTN	Z TO Z	M			INS	+ °F/C	FT				
DEST/ALTN	Z TO Z	M			INS	+ °F/C	FT				
DEST/ALTN	Z TO Z	M			INS	+ °F/C	INS				
PART IV - COMMENTS/REMARKS											
32. BRIEFED RSC/RCR	YES	NOT AVAILABLE	33. PMSV	34. ATTACHMENTS	YES	NO					
35. REMARKS											
PART V - BRIEFING RECORD											
36. WX BRIEFED TIME Z	37. FLIMSY BRIEFING NO. IFR Scenario #8	38. FORECASTER'S INITIALS TN	39. NAME OF PERSON RECEIVING BRIEFING								
40. VOID TIME Z	41. EXTENDED TO/INITIALS Z	42. WX REBRIEF TIME/INITIALS Z	43. WX DEBRIEF TIME/INITIALS Z								